

FILE 'CAPLUS' ENTERED AT 15:26:36 ON 17 MAR 2009  
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FILE 'MEDLINE' ENTERED AT 15:26:36 ON 17 MAR 2009

FILE 'BIOSIS' ENTERED AT 15:26:36 ON 17 MAR 2009  
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```
=> s ((glaucoma(3A)filtration(3A)surgery) or trabeculectomy)
L1      7208 ((GLAUCOMA(3A) FILTRATION(3A) SURGERY) OR TRABECULECTOMY)

=> s L1 (P) dexamethasone
L2      20 L1 (P) DEXAMETHASONE

=> s L2 (P) (PLGA or (polylactic(3A)acid(2A)co(2A)glycolide))
L3      0 L2 (P) (PLGA OR (POLYLACTIC(3A) ACID(2A) CO(2A) GLYCOLIDE))

=> dup rem L2
PROCESSING COMPLETED FOR L2
L4      15 DUP REM L2 (5 DUPLICATES REMOVED)

=> s L4 NOT pd>19950602
L5      5 L4 NOT PD>19950602

=> d L5 1-5 TI AB IBIB
```

L5 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN  
TI Glucocorticoid target cells in human outflow pathway: autopsy and surgical specimens  
AB Target cells for glucocorticoids were found in trabeculectomy specimens obtained surgically from humans with glaucoma (primary and secondary) and from nonglaucomatous autopsy eyes using an autoradiographic technique. Specific nuclear localization of [3H]dexamethasone was found in cells of the trabecular meshwork, scleral fibroblasts, and in the endothelial lining of both Schlemm's canal and the outflow vessels. Glucocorticoids may alter the outflow facility by a direct effect on the metabolism of these cells. The autoradiographic method is suitable for studying competitors of glucocorticoid binding in small surgical specimens of human tissue involved in the outflow of aqueous humor. The data are discussed with respect to the pathogenesis and treatment of primary open angle glaucoma.

ACCESSION NUMBER: 1984:66157 CAPLUS  
DOCUMENT NUMBER: 100:66157  
ORIGINAL REFERENCE NO.: 100:10065a,10068a  
TITLE: Glucocorticoid target cells in human outflow pathway: autopsy and surgical specimens  
AUTHOR(S): Hernandez, M. Rosario; Wenk, Eugene J.; Weinstein, Bernard I.; Abumohor, Patricia; Podos, Steven M.; Dunn, Michael W.; Southren, A. Louis  
CORPORATE SOURCE: Dep. Ophthalmol., Med. Anat. New York Med. Coll., Valhalla, NY, 10595, USA  
SOURCE: Investigative Ophthalmology & Visual Science (1983), 24(12), 1612-16  
CODEN: IOVSDA; ISSN: 0146-0404  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L5 ANSWER 2 OF 5 MEDLINE on STN  
TI [Naclof and dexamethasone in topical application after trabeculectomy].

AB Naclof i deksametazon w miejscowym stosowaniu po trabekulektomii.  
 Evaluated was the topically applied solution of sodium salt of diclofenac--Naclof (22 eyes) and a 0.1% solution of dexamethasone phosphate (23 eyes) on the healing of postoperative wounds after trabeculectomy in a clinical examination in patients with simple glaucoma. After the filtering operation the authors observed in the group of patients treated by dexamethasone a longer and more pronounced flattening of the anterior chamber (up to 14 days) a greater hypotensive effect and a more increased facility of the outflow (in an observation period of 6 months). In the case of a considerable flattening of the anterior chamber after trabeculectomy application of Naclof gives a better prognosis than of dexamethasone.

ACCESSION NUMBER: 1993316542 MEDLINE  
 DOCUMENT NUMBER: PubMed ID: 1306537  
 TITLE: [Naclof and dexamethasone in topical application after trabeculectomy].  
 Naclof i deksametazon w miejscowym stosowaniu po trabekulektomii.

AUTHOR: Szymanski A; Sobieraj A; Brozyna-Zylka B; Otrzonsek D  
 CORPORATE SOURCE: Kliniki Okulistycznej Slaskiej Akademii Medycznej, Katowicach.

SOURCE: Klinika oczna, (1992 Oct) Vol. 94, No. 10, pp. 292-3.  
 Journal code: 0376614. ISSN: 0023-2157.

PUB. COUNTRY: Poland  
 DOCUMENT TYPE: (ENGLISH ABSTRACT)  
 Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: Polish  
 FILE SEGMENT: Priority Journals  
 ENTRY MONTH: 199308  
 ENTRY DATE: Entered STN: 20 Aug 1993  
 Last Updated on STN: 20 Aug 1993  
 Entered Medline: 11 Aug 1993

L5 ANSWER 3 OF 5 MEDLINE on STN  
 TI Potentiation of collagen synthesis in explants of the rabbit eye by 5 beta-dihydrocortisol.

AB The biologic effect of 5 beta-dihydrocortisol on collagen synthesis was evaluated. The metabolite was found to potentiate subthreshold levels of dexamethasone in increasing 3H-proline incorporation in cells of the outflow region of the rabbit. Digestion of the tissue with highly purified collagenase indicated that the 3H-proline was incorporated into collagen type protein. This study demonstrates another biologic activity of 5 beta-dihydrocortisol, a metabolite found to accumulate in cells cultured from trabeculectomy specimens from patients with primary open angle glaucoma.

ACCESSION NUMBER: 1987082664 MEDLINE  
 DOCUMENT NUMBER: PubMed ID: 3793407  
 TITLE: Potentiation of collagen synthesis in explants of the rabbit eye by 5 beta-dihydrocortisol.

AUTHOR: Southren A L; Hernandez M R; l'Hommiedieu D; Gordon G G; Weinstein B I

CONTRACT NUMBER: EY01313 (United States NEI NIH HHS)  
 SOURCE: Investigative ophthalmology & visual science, (1986 Dec) Vol. 27, No. 12, pp. 1757-60.  
 Journal code: 7703701. ISSN: 0146-0404.

PUB. COUNTRY: United States  
 DOCUMENT TYPE: (IN VITRO)  
 Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)

LANGUAGE: English  
 FILE SEGMENT: Priority Journals

ENTRY MONTH: 198701  
ENTRY DATE: Entered STN: 2 Mar 1990  
Last Updated on STN: 3 Feb 1997  
Entered Medline: 27 Jan 1987

L5 ANSWER 4 OF 5 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN  
TI THE EFFECT OF STEROIDS AND NON-STEROIDAL ANTI-INFLAMMATORY AGENTS ON  
PROLIFERATION OF HUMAN OCULAR FIBROBLASTS.  
ACCESSION NUMBER: 1991:262911 BIOSIS  
DOCUMENT NUMBER: PREV199140125791; BR40:125791  
TITLE: THE EFFECT OF STEROIDS AND NON-STEROIDAL ANTI-INFLAMMATORY  
AGENTS ON PROLIFERATION OF HUMAN OCULAR FIBROBLASTS.  
AUTHOR(S): NYGUYEN K [Reprint author]; KITADA S; SHAPOURIFAR-TEHRANI  
S; LEE D A; BANSAL V  
CORPORATE SOURCE: DEP OPHTHALMOL, JSEI, UCLA SCH MED, 100 STEIN PLAZA, LOS  
ANGELES, CALIF 90024-7004, USA  
SOURCE: Investigative Ophthalmology and Visual Science, (1991) Vol.  
32, No. 4, pp. 1121.  
Meeting Info.: ANNUAL SPRING MEETING OF THE ASSOCIATION FOR  
RESEARCH IN VISION AND OPHTHALMOLOGY, SARASOTA, FLORIDA,  
USA, APRIL 28-MAY 3, 1991. INVEST OPHTHALMOL VISUAL SCI.  
CODEN: IOVSDA. ISSN: 0146-0404.  
DOCUMENT TYPE: Conference; (Meeting)  
FILE SEGMENT: BR  
LANGUAGE: ENGLISH  
ENTRY DATE: Entered STN: 5 Jun 1991  
Last Updated on STN: 6 Jun 1991

L5 ANSWER 5 OF 5 BIOSIS COPYRIGHT (c) 2009 The Thomson Corporation on STN  
TI FILTERING BLEB ENCAPSULATION INCREASED BY STEROID INJECTION.  
ACCESSION NUMBER: 1989:347894 BIOSIS  
DOCUMENT NUMBER: PREV198937038991; BR37:38991  
TITLE: FILTERING BLEB ENCAPSULATION INCREASED BY STEROID  
INJECTION.  
AUTHOR(S): LOFTFIELD K [Reprint author]; BALL S F  
CORPORATE SOURCE: LSU EYE CENT AND OCHSNER CLINIC, NEW ORLEANS, LA, USA  
SOURCE: Investigative Ophthalmology and Visual Science, (1989) Vol.  
30, No. 3 SUPPL, pp. 416.  
Meeting Info.: ANNUAL SPRING MEETING OF THE ASSOCIATION FOR  
RESEARCH IN VISION AND OPHTHALMOLOGY, SARASOTA, FLORIDA,  
USA, APRIL 30-MAY 5, 1989. INVEST OPHTHALMOL VISUAL SCI.  
CODEN: IOVSDA. ISSN: 0146-0404.  
DOCUMENT TYPE: Conference; (Meeting)  
FILE SEGMENT: BR  
LANGUAGE: ENGLISH  
ENTRY DATE: Entered STN: 25 Jul 1989  
Last Updated on STN: 29 Jul 1989

=> FIL STNGUIDE		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	35.80	38.44
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.82	-0.82

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FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Mar 13, 2009 (20090313/UP).

=> file caplus, medline, biosis

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.07	38.51
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.82

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FILE 'BIOSIS' ENTERED AT 15:30:27 ON 17 MAR 2009  
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=> d his

(FILE 'HOME' ENTERED AT 15:19:40 ON 17 MAR 2009)

FILE 'CAPLUS, MEDLINE, BIOSIS' ENTERED AT 15:26:36 ON 17 MAR 2009

```
L1 7208 S ((GLAUCOMA(3A)FILTRATION(3A)SURGERY) OR TRABECULECTOMY)
L2 20 S L1 (P) DEXAMETHASONE
L3 0 S L2 (P) (PLGA OR (POLYLACTIC(3A)ACID(2A)CO(2A)GLYCOLIDE))
L4 15 DUP REM L2 (5 DUPLICATES REMOVED)
L5 5 S L4 NOT PD>19950602
```

FILE 'STNGUIDE' ENTERED AT 15:29:52 ON 17 MAR 2009

FILE 'CAPLUS, MEDLINE, BIOSIS' ENTERED AT 15:30:27 ON 17 MAR 2009

```
=> s L1 (P) (PLGA or (polylactic(3A)acid(2A)co(2A)glycolide))
L6 2 L1 (P) (PLGA OR (POLYLACTIC(3A) ACID(2A) CO(2A) GLYCOLIDE))
```

```
=> dup rem L6
PROCESSING COMPLETED FOR L6
L7 2 DUP REM L6 (0 DUPLICATES REMOVED)
```

```
=> s L7 NOT pd>19950602
L8 0 L7 NOT PD>19950602
```

```
=> s ((ocular or ophthalmol?)(W) implant?)
L9 306 ((OCULAR OR OPHTHALMOL?)(W) IMPLANT?)
```

```
=> s L9 (P) (dexamethasone or PLGA)
L10 6 L9 (P) (DEXAMETHASONE OR PLGA)
```

```
=> dup rem L10
PROCESSING COMPLETED FOR L10
L11 6 DUP REM L10 (0 DUPLICATES REMOVED)
```

```
=> s L11 NOT pd>19950602
L12 0 L11 NOT PD>19950602
```

=> d his

(FILE 'HOME' ENTERED AT 15:19:40 ON 17 MAR 2009)

FILE 'CAPLUS, MEDLINE, BIOSIS' ENTERED AT 15:26:36 ON 17 MAR 2009

L1 7208 S ((GLAUCOMA(3A)FILTRATION(3A)SURGERY) OR TRABECULECTOMY)  
L2 20 S L1 (P) DEXAMETHASONE  
L3 0 S L2 (P) (PLGA OR (POLYLACTIC(3A)ACID(2A)CO(2A)GLYCOLIDE))  
L4 15 DUP REM L2 (5 DUPLICATES REMOVED)  
L5 5 S L4 NOT PD>19950602

FILE 'STNGUIDE' ENTERED AT 15:29:52 ON 17 MAR 2009

FILE 'CAPLUS, MEDLINE, BIOSIS' ENTERED AT 15:30:27 ON 17 MAR 2009

L6 2 S L1 (P) (PLGA OR (POLYLACTIC(3A)ACID(2A)CO(2A)GLYCOLIDE))  
L7 2 DUP REM L6 (0 DUPLICATES REMOVED)  
L8 0 S L7 NOT PD>19950602  
L9 306 S ((OCULAR OR OPHTHALMOL?)(W) IMPLANT?)  
L10 6 S L9 (P) (DEXAMETHASONE OR PLGA)  
L11 6 DUP REM L10 (0 DUPLICATES REMOVED)  
L12 0 S L11 NOT PD>19950602